

Y1-I

CTC	GAG	ATG	CAG	AGG	AAC	CTG	GGA	GCT	GTG	CTG	GGG	ATT	CTG	TGG	GTG	CAG	ATT
L	E	M	Q	R	N	L	G	A	V	L	G	I	L	W	V	Q	I
TGC	TGG	CTG	AAA	GAA	CAG	CAA	GTG	CAG	CAG	AGT	CCC	GCA	TCC	TTG	GTT	CTG	CAG
C	W	L	K	E	Q	Q	V	Q	Q	S	P	A	S	L	V	L	Q
GAG	GGG	GAG	AAC	GCA	GAG	CTC	CAG	TGT	AGC	TTT	TCC	ATC	TTT	ACA	AAC	CAG	GTG
E	G	E	N	A	E	L	Q	C	S	F	S	I	F	T	N	Q	V
CAG	TGG	TTT	TAC	CAA	CGT	CCT	GGG	GGA	AGA	CTC	GTC	AGC	CTG	TTG	TAC	AAT	CCT
Q	W	F	Y	Q	R	P	G	G	R	L	V	S	L	L	Y	N	P
TCT	GGG	ACA	AAG	CAG	AGT	GGG	AGA	CTG	ACA	TCC	ACA	ACA	GTC	ATT	AAA	GAA	CGT
S	G	T	K	Q	S	G	R	L	T	S	T	T	V	I	K	E	R
CGC	AGC	TCT	TTG	CAC	ATT	TCC	TCC	TCC	CAG	ATC	ACA	GAC	TCA	GGC	ACT	TAT	CTC
R	S	S	L	H	I	S	S	S	Q	I	T	D	S	G	T	Y	L
TGT	GCC	TCA	AAT	TCT	GGA	GGA	AGC	AAT	GCA	AAG	CTA	ACC	TTC	GGG	AAA	GGC	ACT
C	A	S	N	S	G	G	S	N	A	K	L	T	F	G	K	G	T
AAA	CTC	TCT	GTT	AAA	TCA	GGT	GGC	GGA	GGG	TCT	GGC	GGG	GGT	GGG	TCC	GGG	GGT
K	L	S	V	K	S	G	G	G	G	S	G	G	G	G	S	G	G
GGA	GGC	TCA	GAG	GCT	GCA	GTC	ACC	CAA	AGC	CCA	AGA	AAC	AAG	GTG	GCA	GTA	ACA
G	G	S	E	A	A	V	T	Q	S	P	R	N	K	V	A	V	T
GGA	GGA	AAG	GTG	ACA	TTG	AGC	TGT	AAT	CAG	ACT	AAT	AAC	CAC	AAC	AAC	ATG	TAC
G	G	K	V	T	L	S	C	N	Q	T	N	N	H	N	N	M	Y
TGG	TAT	CGG	CAG	GAC	ACG	GGG	CAT	GGG	CTG	AGG	CTG	ATC	CAT	TAT	TCA	TAT	GGT
W	Y	R	Q	D	T	G	H	G	L	R	L	I	H	Y	S	Y	G
GCT	GGC	AGC	ACT	GAG	AAA	GGA	GAT	ATC	CCT	GAT	GGA	TAC	AAG	GCC	TCC	AGA	CCA
A	G	S	I	E	K	G	D	I	P	D	G	Y	K	A	S	R	P

Ux

LINKER

U12

557	566	575	584	593	602
AGC GAA GAG AAC TTC TCC CTC ATT CTG GAG TCG GCT ACC CCC TCT CAG ACA TCA					
S Q E N F S L L E L A T P S T S					
711	720	729	738	747	756
GTG TAC TTC TGT GCC AGC GGT GAG ACA GGG ACC AAC GAA AGA TTA TTT TTC GGT					
V Y F C A S G E T G T N E R L F F G					
765	774	783 48E	792	801	810
CAT GGA ACC AAG CTG TCT GTC CTG ACT AGT AAC TCC ATC ATG TAC TTC AGC CAC					
H G T K L S V L T S N S I M Y F S H					
819	828	837	846	855	864
TTC GTG CCG GTC TTC CTG CCA GCG AAG CCC ACC ACG ACG CCA GCG CCG CGA CCA					
F V P V F L P A K P T T T P A P R P					
873	882	891	900	909	918
CCA ACA CCG GCG CCC ACC ATC GCG TCG CAG CCC CTG TCC CTG CGC CCA TCT AGT					
P T P A P T I A S Q P L S L R P S S					
<u>1001</u> 927	936	945	954	963	972
TCT AGA GAT CCC AAA CTC TGC TAC CTG CTG GAT GGA ATC CTC TTC ATC TAT GGT					
S R D P K L C Y L L D G I L F I Y G					
981	990	999	1008	1017	1026
GTC ATT CTC ACT GCC TTG TTC CTG AGA GTG AAG TTC AGC AGG AGC GCA GAC GCC					
V I L T A L F L R V K F S R S A D A					
1035	1044	1053	1062	1071	1080
CCC GCG TAC CAG CAG GGC CAG AAC CAG CTC TAT AAC GAG CTC AAT CTA GGA CGA					
P A Y Q Q G Q N Q L Y N E L N L G R					
1089	1098	1107	1116	1125	1134
AGA GAG GAG TAC GAT GTT TTG GAC AAG AGA CGT GGC CGG GAC CCT GAG ATG GGG					
R E E Y D V L D K R R G R D P E M G					
1143	1152	1161	1170	1179	1188
GGA AAG CCG AGA AGG AAG AAC CCT CAG GAA GGC CTG TAC AAT GAA CTG CAG AAA					
G K P R R K N P Q E G L Y N E L Q K					
1197	1206	1215	1224	1233	1242
GAT AAG ATG GCG GAG GCC TAC AGT GAG ATT GGG ATG AAA GGC GAG CGC CGG AGG					
D K M A E A Y S E I G M K G E R R R					
1251	1260	1269	1278	1287	1296
GGC AAG GGG CAC GAT GGC CTT TAC CAG GGT CTC AGT ACA GCC ACC AAG GAC ACC					
G K G H D G L Y Q G L S T A T K D T					
1305	1314	1323	1332	1341 ^{NE}	1350
TAC GAC GCC CTT CAC ATG CAG GCC CTG CCC CCT CGC TAA GCG GGC GCC ACC GCG					
Y D A L H M Q A L P P R A A A T A					

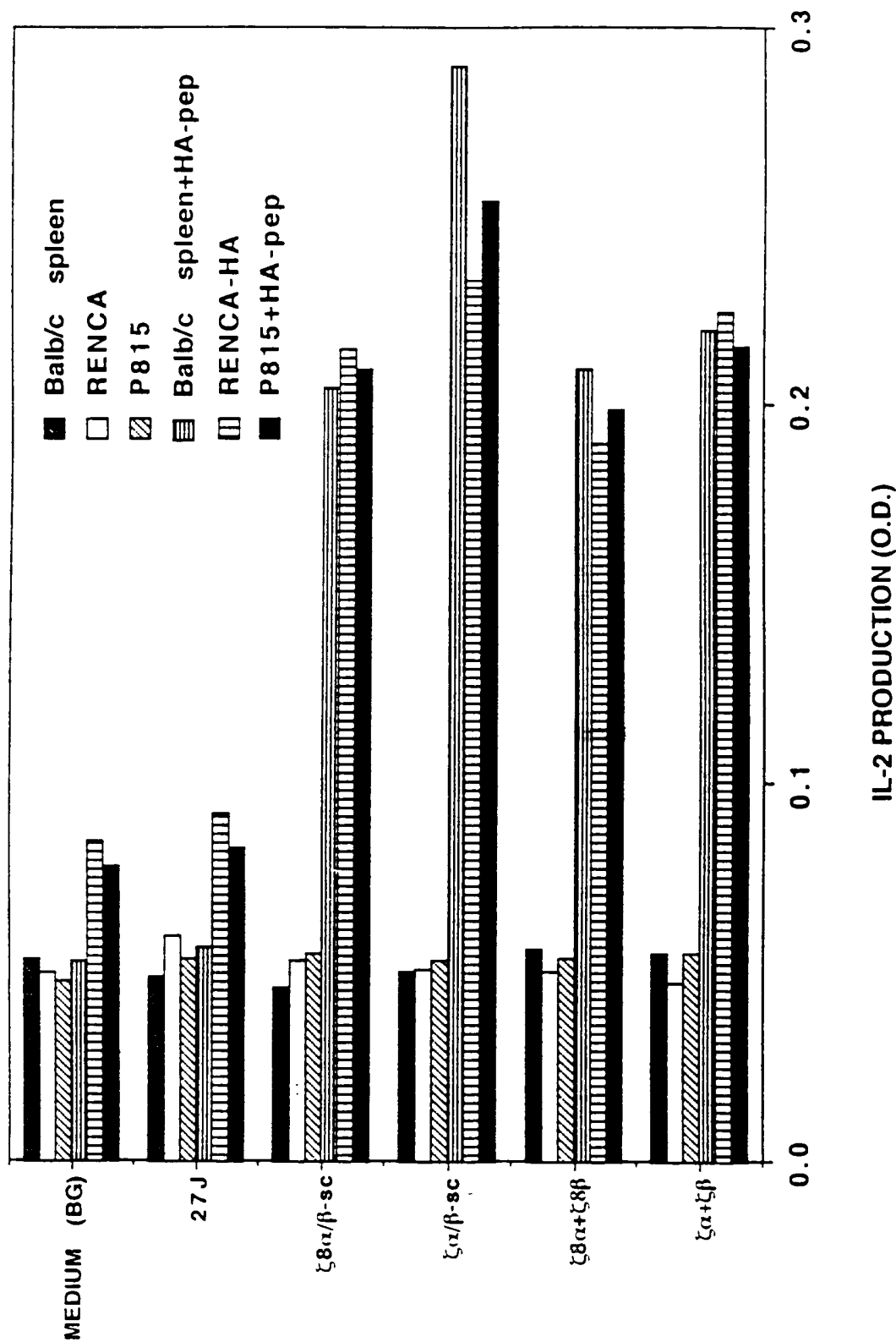
FIGURE 3B

C42

CDS HINGE

Z chain

STOP



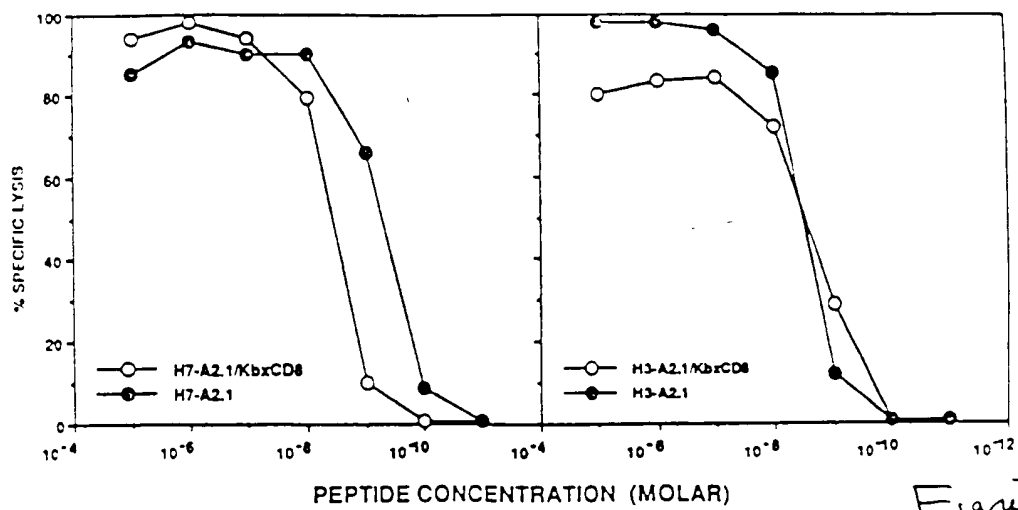


Figure 5

Alpha Groups

FIGURE

6

Va2 CCC AAG GCA CTG ATG TTC ATC TTC
Va3 TGA GAC AAA GTC CCC AAT CTC TGA CAG
Va4.1,2,3 CTG CAG CTG CTC CTC AAG TAC TAT TC
Va4 4 TCC CGG AGA AGG TCC ACA GTT CCT CTT T
GAA GCA GCA GAG GGT TTG AAG CCA CAT AC

2.
Va5 GGC AGG TCT TCA GTT GCT TAT GAA GGT
Va6 GGT TCC TCT TCA GGG TCC AGA ATA TGT
Va7 GCG AAG AAC TCA CCC TGG ACT GTT CAT
Va8 GAG CTC CAC AGA CAA CAA GAG GAC CGA GCA
Va9 GAG CTG CGA CGT TCC TTA GTG ACT GTG

3.
Va10 CCT CGT CAG CCT GTT GTC CAA TCC TTC TGG
Va11 CAG CCT CAT CAA TCT GTT CTA CTT GGC T
Va12 CCA CCA GGG ACC ACA GTT TAT CAT TCA A
Va14 ACC TGG AGA GAA TCC TAA GCT CAT CAT
Va15 AGG TCT TGT GTC CCT GAC AGT CCT GGT T

4.
Va16 CAA GCA AAC ACT GTA GTG CAG AGC CCT TCC
Va17 CAA GAC ATC CAT AAC TGC CCT ACA G
Va18 GTG TAT GAA ACC CAG GAC AGT TCT TAC
Va19 CCG TAT TTC TTT CTT ATG TTG TTT TGG AT
Va20 CAA AGC TCT CCA TCG CTG ACT GTT CAA G

Beta Groups

1.
Vβ1 ATC TAA TCC TGG GAA GAG CAA AT
Vβ2 GGC GTC TGG TAC CAC GTG GTC AA
Vβ3 GTG AAA GGG CAA GGA CAA AAA GC
Vβ4 GAT ATG CGA ACA GTA TCT AGG C
Vβ5.1 ACA TAA TCA AAG GAA AGG GAG AA

2.
Vβ6 TCC TGA TTG GTC AAG AAG GGC AA
Vβ7 TAC CTG ATC AAA AGA ATG GGA GA
Vβ8.1 ATA ACC ATG ACA ATA TGT ACT GG
Vβ8.2 ATA ACC ACA ACA ACA TGT ACT GG
Vβ8.3 ATA GCC ACA ACT ACA TGT ACT GG

3.
Vβ9 AGC TTG CAA GAG TTG GAA AAC CA
Vβ10 GAT TAT GTT TAG CTA CAA TAA TA
Vβ11 ACA AGG TGA CAG GGA AGG GAC AA
Vβ12 ACC TAC AGA ACC CAA GGA CTC AG
Vβ13 CAG TTG CCC TCG GAT CGA TTT TC

4.
Vβ14 GCC GAG ATC AAG GCT GTG GGC AG
Vβ15 AGA ACC ATC TGT AAG AGT GGA AC
Vβ16 CAT CAA ATA ATA GAT ATG GGG CA
Vβ17 GTA GTC CTG AAA AAG GGC ACA CT
Vβ18 CAT CTG TCA AAG TGG CAC TTC A

Page : 1 - 393

Page : 1 - 393

Mo Normal

Adon Table : Universal

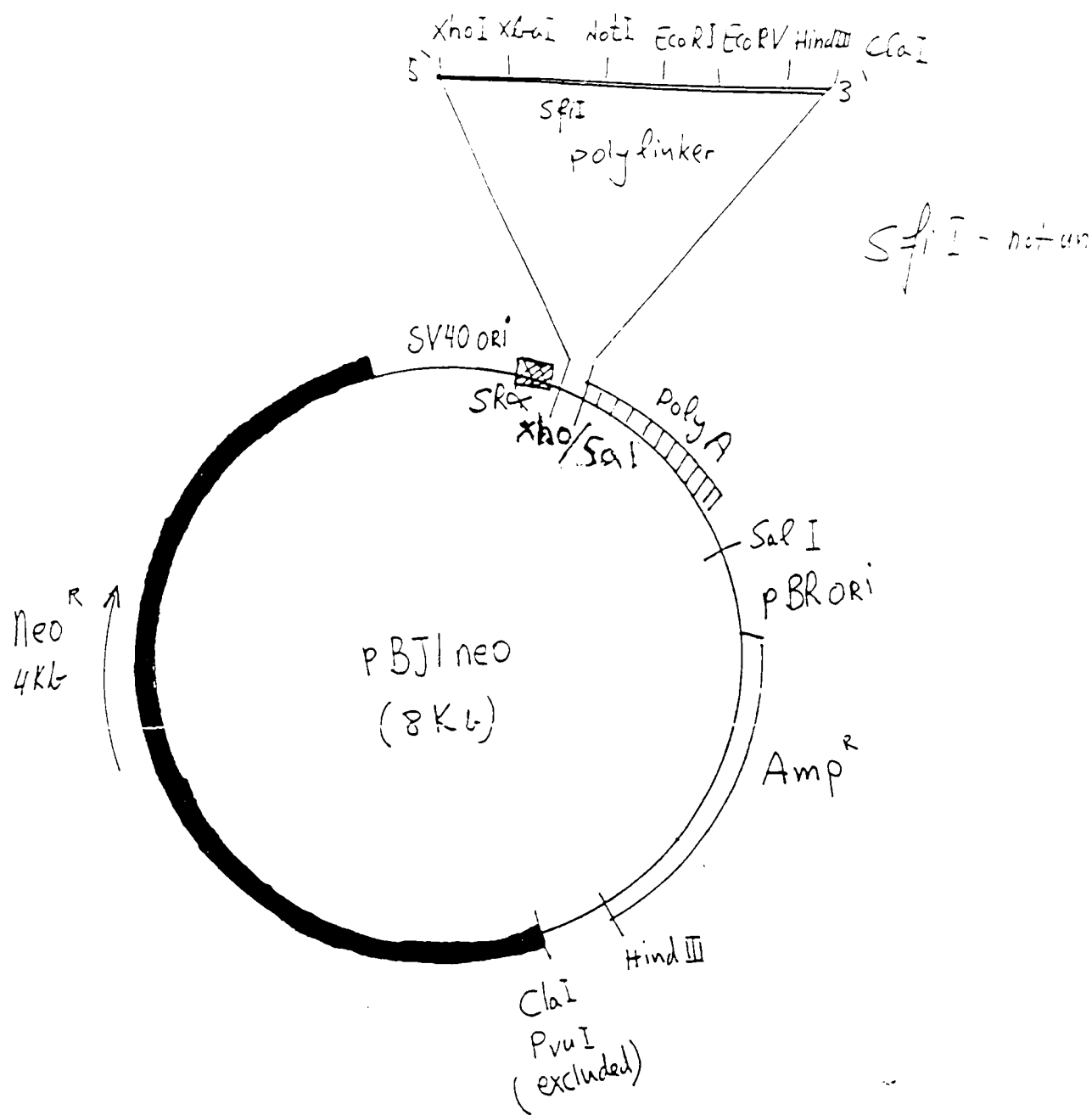
FIG. 7A

[illegible]

FIG 7B

08/21/99

		387			396			
CCC	GGC	ACC	AGG	CTC	ACG	GTT	TCT	3'
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Pro	Gly	Thr	Arg	Leu	Thr	Val	Ser	



Ref:

pBJ1neo - MCB 8: 466, 1988

Polylinker - Science, 249: 677, 1990

